



Features and Benefits

Center frequency: 881.5MHz

I.L: 3.2dB Max.

Operating temperature: -40°C to +85°C

Size: 3x3x1.4mm

Package type: Surface Mount



Typical Applications

IOT

Cellular

Telecom

4G/LTE

Wireless Communication

WLAN

Base Station

Radar

Mechanical Drawing & Pin Connections

Drawing No: MD240080-1



PIN	Function
#2	INPUT
#5	OUTPUT
Others	GND

Unit in mm

1mm = 0.0394 inches

Not Specified Tolerance: $\pm 0.2\text{mm}$



Specifications

Parameter		Min.	Typical	Max.	Units
Center Frequency	Fc		881.5		MHz
Insertion Loss (869~894 MHz)	IL		2.2	3.2	dB
Amplitude Ripple (869~894 MHz)			0.9	2.2	dB
VSWR (869~894 MHz)			1.7	2.2	
Attenuation (Reference level from 0 dB)					
10 ~ 800	MHz	20	28		dB
824 ~ 849	MHz	35	38		dB
939 ~ 1088	MHz	28	31		dB
1088 ~ 1119	MHz	28	32		dB
1119 ~ 2600	MHz	20	26		dB
Input Power Level			10		dBm
DC Voltage			0		V
Operating Temperature Range		-40		+85	°C
Storage Temperature Range		-40		+85	°C
Source impedance (single ended)			50		Ω
Load impedance (single ended)			50		Ω
Moisture Sensitivity Level		Level 1(MSL1)			
ESD MM			100		V
ESD HBM			200		V

Note: No matching network required for operation at 50 Ω